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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application:)
Roy Lim) Before the Examiner
Serial No. 10/789,610) Unassigned
Filed February 27, 2004) Group Art Unit 3739
ROD REDUCER) Atty Docket No. 4002-3438/PC897.00
) December 29, 2004

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

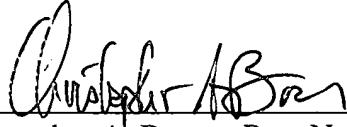
Pursuant to the duty of disclosure embodied in 37 C.F.R. § 1.56 and 1.98, Applicant wishes to bring to the attention of the Examiner the items of information listed on the enclosed Information Disclosure Statement by Applicant. This information has not been previously submitted in this application, and has not been heretofore cited by the examiner. Copies of those references have been provided pursuant to 37 C.F.R. § 1.98 (d).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop, Commissioner for Patents, Alexandria, VA 22313-1450 on	
<u>29 December 2004</u>	
Date of Deposit	
Christopher A. Brown	
Name of Registered Representative	
<u>Christopher A. Brown</u>	
Signature	
<u>29 December 2004</u>	
Date of Signature	

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, prior art or material to the patentability as defined in 37 C.F.R. §1.56.

This Statement is being submitted with the filing of the application or before the mailing of a first Office Action on the merits. Therefore, it is believed that no fee is required for consideration of the submitted items. Should any fee be required, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted,



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004002-003438.CAB.312893



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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		<i>Complete if Known</i>	
Application Number		10/789,610	
Filing Date		February 27, 2004	
First Named Inventor		Roy K. Lim	
Group Art Unit		3739	
Examiner Name		unknown	
Attorney Docket Number		4002-3438	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		3,604,487	09/14/1971	Gilbert	
		3,661,187	05/09/1972	Caveney et al.	
		3,844,291	10/29/1974	Moen	
		4,050,464	09/27/1997	Hall	
		4,411,259	10/25/1983	Drummond	
		4,793,385	12/27/1988	Dyer et al.	
		5,020,519	06/04/1991	Hayes et al.	
		5,113,685	05/19/1992	Asher et al.	
		5,314,431	05/24/1994	Graziano	
		5,330,472	07/19/1994	Metz-Stavenhagen	
		5,364,397	11/15/1994	Hayes et al.	
		5,389,099	02/14/1995	Hartmeister et al.	
		5,423,855	06/13/1995	Marienne	
		5,449,361	09/12/1995	Preissman	
		5,458,608	10/17/1995	Wortrich	
		5,466,243	11/14/1995	Schmieding et al.	
		5,484,441	01/16/1996	Koros et al.	
		5,584,839	12/17/1996	Gieringer	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (If known)				
		995,769 Russia	02/1983	Riga Med		
		DE 42 38 339 A1	5/1994	Germany		

Examiner Signature		Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheets

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8

3

Complete if Known

Application Number 10/789,610

Filing Date February 27, 2004

First Named Inventor Roy K. Lim

Group Art Unit 3739

Examiner Name unknown

U.S. PATENT DOCUMENTS

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Application Number		10/789,610	
				Filing Date		February 27, 2004	
				First Named Inventor		Roy K. Lim	
				Group Art Unit		3739	
				Examiner Name		unknown	
Sheet	3	of	3	Attorney Docket Number			
4002-3438							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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